

## CLIENT – SERVER TESTING FOR FILE MANAGEMENT

### Testing creation of folder:

In this we create a user object. Now a folder is created with a name and if it gets created then a created message is displayed. To test for the creation of folders with same names, the folder name previously created is given. If a message saying that the folder already exists is returned then this test is passed.

### Testing the writing of files:

In this case we create a user object. Here we try to write to a new file initially by opening a non-existing file in append mode. Now, the data inputted, is written in the file if so, then a data entry successful message is displayed. The same file is again used to check if data gets written in the existing file or not. If the data is being written a data written message is displayed.

### Testing the reading of a file:

Here, we create a user object. first,.a file name is sent through the function. Upon the file successfully getting opened a success message is returned. Now, a file object is used to display the read content. If the read content matches the expected content, then the function passes the test.

### Testing login:

Here, we try to check if the server accepts a user with improper userid and password mismatch. So, first we input the correct userid and correct password to see if the function returns a successful message. Secondly, we check with wrong password and wrong userid if an error message is returned then the function is said to have been passed the test.

### Testing registration:

Here, we try to register a user in the system. Initially a userid and a password is entered and if a successful message is returned then the user is registered. Finally, to test if a user can register with same userid we enter the userid of previously registered user.